

Receiving Report

Date:	<u>13/4/24</u>		Batch No:	<u>M25386</u>	
Supplier:	<u>THYSSENKRUPP</u>		Dart P/O:	<u>19640</u>	
Packing Slip:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Release Note Attached:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Invoice:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Waybill Attached:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Receipt:	<input type="checkbox"/> Cash	<input checked="" type="checkbox"/> Cr	Shipment Complete:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
			QC6 Inspection:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
			Work Order	<u>14 JUN 134-24</u>	
				N/A	N/A
				N/A	N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
						<u>J</u>

Initials of receiver (if shipment OK) Level 12 J

Production/Admin: 13/4/24
 Date
 Received/Costing
 Initial J

Location _____

Purchase Order Receipt Listing

Wednesday, April 24, 2013 10:36:06 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO19640 Receipt Dates from 4/24/2013 to 4/24/2013 All Line Item Types
 All Item ID/GL/WOs All Rec. Employees All Currencies
 Grouped by Vendor ID

Purchase Order ID	Line Nbr/ Insp	Project ID/ Req	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name											
PO19640	1	VC-COP001	Thyssenkrupp Materials CA Ltd	M6061T6B2.000X08. f	4/25/2013	4/24/2013	24.0000	\$35.22	0.0000	0	\$845.32
CAD	No			6061-T6 BAR 2.00' f X 8.00"			24.0000	\$845.32	0.0000	0	
	125386										
	2	M6061T6B1.000X02. f	500		4/25/2013	4/24/2013	12.0000	\$5.45	0.0000	0	\$65.46
	No	6061-T6 Bar 1.00 x f	2.50				12.0000	\$65.46	0.0000	0	
	125386										
	3	M6061T6B0.500X10. f	000		4/25/2013	4/24/2013	24.0000	\$10.99	0.0000	0	\$263.69
	No	6061-T6 Bar .500 x f	10.00				24.0000	\$263.69	0.0000	0	
	125386										
	4	M6061T6B0.250X06. f	000		4/25/2013	4/24/2013	36.0000	\$3.38	0.0000	0	\$121.56
	No	6061-T6 Bar .250 x f	6.00				36.0000	\$121.56	0.0000	0	
	125386										
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
96.0000											
0.0000											
0.0000											
\$1,296.03											
0.0000											

B I L L O F L A D I N G

No: VIM 398896
 Ship From: THYSSENKRUPP MATERIAUX NA
 4700 BOIS FRANC
 ST. LAURENT, QC H4S 1A7
 Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 24Apr13 at 9:12 From VFW
 Probill
 Via VIM TRUCKING
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

570

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-559052- 1 Your PO # 19640
 ALUMINUM FLAT BAR 6061-T6511
 2.00" X 8.00" X 144.0000"

	Heat Number	Tag No	Quantity	PCS	Wt LBS
BDLE#1 R452	21360087	149786	24 FT	2	454

2) Our Order PEC-559052- 2 Your PO # 19640
 ALUMINUM FLAT BAR 6061-T6511
 1.00" x 2.50" X 144.0000"

	Heat Number	Tag No	Quantity	PCS	Wt LBS
BDLE#1	201221512	145246	12 FT	1	36

3) Our Order PEC-559052- 3 Your PO # 19640
 ALUMINUM FLT BAR ECONOPLT 6061-T6511
 .500" X 10.00" X 144.0000"

	Heat Number	Tag No	Quantity	PCS	Wt LBS
BDLE#1	201300758	161687	24 FT	2	138

4) Our Order PEC-559052- 4 Your PO # 19640
 ALUMINUM FLAT BAR 6061-T6511
 .250" x .6.00" X 144.0000"

	Heat Number	Tag No	Quantity	PCS	Wt LBS
BDLE#1	201221314	145234	36 FT	3	63

	Tags	PCS	LBS
TOTAL:	4	8	691

*** Chemical Analysis ***

Heat Number
201221314

R13/4/14

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

BILL OF LADING

No: VIM 398896

Ship From:
THYSSENKRUPP MATERIAUX NA
 4700 BOIS FRANC
 ST. LAURENT, QC H4S 1A7
 Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 24Apr13 at 9:12 From VFW
 Probill
 Via VIM TRUCKING
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
DART AEROSPACE

BILL OF LADING

201221512
 201300758

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER.

*** POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

*** FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

*** WE HAVE IT! *** TEL. 800-926-2600 ***

13407

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



CERTIFIED INSPECTION REPORT AND TEST RESULTS

THYSSENKRUPP MATERIALS
DART AEROSPACE
ALUMINUM TUBE CONOPT 6061-T6511
500" X 10.00" X 144.0000
PART NO.

PARIS
PARIS
PARIS

Rate of Mill Test Results
BL VIM-398896-003
22 April 1966
Page 1

SERVICE CENTER METALS

Prince George, VA 23875

BILL TO		MANIFEST NUMBER		DATE OF SHIPMENT		CERTIFICATION
ThyssenKrupp Materials NA		179709		PLU734		ASTM-B22-11-12 StencilContinuous
SHIP TO		DIE NUMBER		DATE OF SHIPMENT		
ThyssenKrupp Materials NA PEC		PEC-245090		1/23/2013		
Quantity Certified	1,905 lbs	CUSTOMER PO	ALLOY/TEMPER	SALESPERSON		
	27 pcs	6061-T6511E	David Schroeder			
		CUSTOMER PART NUMBER	SPECIFICATION			
		PL0734	AMS-QQA-200/8			
		DESCRIPTION				
		PL-500 x 10.00				

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Technical Properties

1 201300758

Chemical Composition for Aluminum Alloy 6061

<u>Cast Number</u>	<u>Alloy</u>	<u>Si</u>	<u>Fe</u>	<u>Cu</u>	<u>Mn</u>	<u>Mg</u>	<u>Cr</u>	<u>Zn</u>	<u>Ti</u>	<u>Al</u>	<u>Each</u>	<u>Total</u>	<u>Others</u>	<u>Melt Source:</u>
C67R0349	6061	0.63	0.16	0.18	0.01	0.85	0.06	0.01	0.01	98.09	0.05	0.15		United States of America

<u>Test Date</u>	<u>Ultimate Tensile Strength (KSI)</u>	<u>Yield Strength (KSI)</u>	<u>Percent Elongation</u>
01/18/13	45.0	42.3	15.6

Print Date: 1/23/2013

Calvin J. Wiggins, Director of Quality & Technical Services

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

2500' X 6.00" X 144.0000"

PART NO.

PO/R&I 19640

Nous certifions que le document reproduit est une copie conforme du rapport fourni par le producteur du matériau ou les données résultant de

l'analyse effectuée par nous.

SIGNE PAR:



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA, Montreal

Quantity Certified

2,032 lbs 96 pcs

MANIFEST NUMBER
177510
CUSTOMER PO
VIM-617812
CUSTOMER PART NUMBER
PL0078

DATE OF SHIPMENT
12/28/2012
ALLOY / TEMPER
6061-T6511
DESCRIPTION
PL 250x6.000

OUR ORDER NUMBER
165242
ITEM
4
CERTIFICATION
ASTM-B221-12 Stencil Continuous
SPECIFICATION
AMS-QQA-2008

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Items produced and certified as 6061-T6 also meet the requirements of 6061-T6

13-424
13-424

Mechanical Properties

Tests

Lot No.

Test	Lot No.	Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
91	201221314	12/10/12	46.6	44.6	13.1
92	201221314	12/10/12	46.6	44.6	14.9
93	201221314	12/10/12	46.1	44.3	11.5
94	201221314	12/10/12	45.5	43.6	14.3
95	201221314	12/10/12	47.2	45.1	12.3
96	201221314	12/10/12	45.7	43.5	16.8
97	201221314	12/10/12	46.6	44.4	12.7

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source
2BS787	6061	0.62	0.18	0.20	0.02	0.85	0.06	0.01	0.01	98.05	0.05	0.15	Canada
2BS797	6061	0.61	0.19	0.19	0.03	0.84	0.06	0.01	0.01	98.06	0.05	0.15	Canada

Print Date: 12/28/2012

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLAT BAR 6061-T6511

1.00" X 2.50" X 144.0000"

PART NO.



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du matériel ou les données résultant de

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
164760	16

BILL TO
ThyssenKrupp Materials NA
SHIP TO
ThyssenKrupp Materials NA, Montreal
Quantity Certified 1,070 lbs 30 pcs

MANIFEST NUMBER 177509 **DATE NUMBER** RB0125 **DATE OF SHIPMENT** 12/28/2012
CUSTOMER PO VIM-617730 **ALLOY/TEMPER** 6061-T6511 **SALESPERSON** David Schroeder
CUSTOMER PART NUMBER RB0125 **DESCRIPTION** SCRB 1.000x2.500

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.
SCM extrusions are manufactured in the USA.

Mechanical Properties

Test Date Ultimate Tensile Strength (KSI) Yield Strength (KSI) Percent Elongation

1	201221512	12/14/12	49.3	45.9	11.7
2	201221512	12/14/12	49.5	46.2	11.6
3	201221512	12/14/12	48.0	45.1	12.9
4	201221512	12/14/12	49.0	45.1	12.6

Items produced and certified as 6061-T6
also meet the requirements of 6061-T6



Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Total	Melt Source:
1112088	6061	0.71	0.35	0.30	0.10	0.86	0.10	0.05	0.02	97.51	0.05	0.15	United States of America
1112154	6061	0.71	0.40	0.30	0.10	0.87	0.10	0.09	0.03	97.40	0.05	0.15	United States of America

Print Date: 12/28/2012

Calvin J. Wiggins, Director of Quality & Technical Services

Calvin J. Wiggins

Rev. 9/23/11 - JMS

THYSSENKRUPP MATERIALS NA
THE IRON & STEEL SOURCE

ESTATE PLANNING

DARI AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
2.00" X 8.00" X 144.0000"
PART NO.

PO/Rel 19640

Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le producteur du materiel ou les donnees resultant de

l'analyse, faite par un laboratoire accrédité.
SIGNÉ PAR: LEADER
Attn: BL VIM-3988890

-100-

Pg 1/2

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SUPER INDUSTRIAL EXTRUSIONS
53 PORTSMOUTH STREET

Sapa Extrusions Inc., a Subsidiary of Sapa AB
17929-0187

THYSSEN-KRUPP MATERIALS INC.
4700 DOIS FRANC
ST LAURENT, - H4S 1A7
SHIP TO Customer
TROYVILLE, ALABAMA 36080 U.S.A.

CEMETRA LISSEAUER KAPUFI

Certified Inspection Report				Page
Sales Order Number	Line No.	Customer PO	SAV-A741748	1 of 2
Cert Creation Date				Cert Create Date
1100584081	2	VIM-613996-002	04-APR-13	04-APR-13

Quantity Shipped	Date Shipped	Item Description	Specification
901	LB	04-A-RR-13	Extended ECOS-O
BIL			PLATE
416725		Item No.	2.000 TK x 8.000 W
Delivery Id		G03360KAR	SPEC SU079
4413148		Item No. Rev	144.000 IN LN
Customer Part No.			TRN MANUL
22X&UP			WF 18.816 F01 CS #2
Applicable Specifications, Revisions and Exceptions			6081711651
COMPOSITION NOTE: The values for 'Others Back' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.			Marking CONTINUOUS, 13-4-24 9-8-88

Signature And Title

iii

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the date of this certification. Also note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not a guarantee.

William Martin III
Tech/Quality Manager

Q4-APK-13

Pachasen Niimur

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628

Glossary

Composition Limits



THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

2.00" X 8.00" X 144.0000"

PART NO.

PO/Ref 19640

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
producteur du materiel ou les donnees resultant de

l'analyse faite par un laboratoire qualifie
SIGNÉ PAR:

BL.VIM-398895-001

22Apr13
Pg 2/2

Sapa

SUPER INDUSTRIAL EXTRUSIONS
53 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer PO#	Cert Creation Date
1100584081	2	VIM-619396-002	04-APR-13

Cert Number	Page
SAPA7411748	2 of 2

Cert Print Date

Alloy	Si	Re	Cu	Min	Mg	Cr	Zn	Al	Pb	Others Each	Others Total
6061	0.75	0.37	0.30	0.12	0.91	0.15	0.05	0.02	—	—	—

Heat/Cast	Si	Re	Cu	Min	Mg	Cr	Zn	Al	Pb	Others Each	Others Total
4029931	0.75	0.37	0.30	0.12	0.91	0.15	0.05	0.02	—	—	—
Heat/Cast	Si	Re	Cu	Min	Mg	Cr	Zn	Al	Pb	Others Each	Others Total
4029932	0.73	0.36	0.33	0.12	0.92	0.15	0.04	0.03	—	—	—
Heat/Cast	Si	Re	Cu	Min	Mg	Cr	Zn	Al	Pb	Others Each	Others Total
4029933	0.73	0.37	0.28	0.12	0.86	0.14	0.04	0.02	—	—	—

Mechanical Property - Test Limits

Test Types	UOM	TYS-L	TYS-L	EL-AD-LONG
% of Test	KSI	KSI	KSI	PCF

Test Temper	Lot Number	# of Test	MIN Value	MAX Value						
T651	21330837	1	53.8	53.9	50.3	50.3	12.8	12.8	12.6	12.6

Cert Notes

Products manufactured with a T651 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method.

All Mill Finish Alloys produced at Sapa Extrusions comply with 0.14% Maximum Lead per RULS, with the exception of 6262 alloy
In accordance with EN 10204 Inspection Certificate Type 3.1

Melted in the USA or Other Qualified Countries as Defined by DFARS 215.872.1

Made in USA

JM
134-24



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19640**

Purchase Order Date 4/19/13

PO Print Date 4/19/13

Page Number 1 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
FC 13/09/13

M125 386

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6B2.000X08.000	6061-T6 BAR 2.00 x 8.00"	4/25/13	✓ 24.00 Yes	Yours ppd f	\$35.7833	\$858.80
2	M6061T6B1.000X02.500	6061-T6 Bar 1.00 x 2.50	4/25/13	✓ 12.00 Yes	Yours ppd f	\$5.5417	\$66.50
		Special Inst:	MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221				

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required YES NO

Change Nbr: 1

Change Date: 4/19/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19640**

Purchase Order Date 4/19/13

PO Print Date 4/19/13

Page Number 2 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,PCSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

3 M6061T6B0.500X10.000 6061-T6 Bar .500 x 10.00 4/25/13 ✓ 24.00 Yours ppd \$11.1625 \$267.90
Yes f

Special Inst: MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

4 M6061T6B0.250X06.000 6061-T6 Bar .250 x 6.00 4/25/13 ✓ 36.00 Yours ppd \$3.4306 \$123.50
Yes f

Special Inst: MATERIAL: 6061-T6/T651/T6510/6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

PO Total: \$1,316.70

✓ 13/2/13

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

No substitution or deviation without consent.
Certificate of Conformity or Material Certification required - YES NO

Change Nbr: 1

Change Date: 4/19/13